



# FEMA

**Disclaimer:** The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to [www.weather.gov/srh](http://www.weather.gov/srh) and click on the "Weather Forecast Offices" tab and click on the map for your area.

## FEMA Region 6 Weather Threat Briefing

Saturday, October 14, 2017  
Issued: 0800 CT

**Day 1 Weather Impacts:** *Isolated strong/severe storms possible over OK into the TX Panhandle this afternoon/evening. Some isolated heavy rain is possible from NE & Central OK into NW TX.*

**River Flood Impacts:** *Minor to Moderate river flooding will continue on the Nueces river in South TX.*

**National Weather Service**

*Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX*



**Prepared by: Jennifer McNatt**  
**817-978-1100 x 147**

# Key Points



## Today

- Strong storms with hail and damaging winds are possible this afternoon and evening over OK into the TX Panhandle
- Some isolated heavy rain is possible from NE & Central OK into NW TX
- The Nueces River is moving water downstream and will continue in Moderate Flood at Bluntzer for the next several days and is expected to continue rising at Calallen into Minor Flood by Sunday

## Sunday - Wednesday

- Minor to moderate flooding will continue on the Nueces River into early next week

## Tropical Outlook

- Hurricane Ophelia in the eastern Atlantic is forecast to track northeast away from the U.S. with no impacts to Region 6
- A broad area of low pressure is gradually approaching the Leeward Islands. Upper level winds are expected to be unfavorable for development during the next couple of days, but the environment could turn favorable for some development early next week when the system begins to move northward and then recurves over the west-central Atlantic Ocean
  - Formation chance through 48 hours...low...10%
  - Formation chance through 5 days...medium...40%

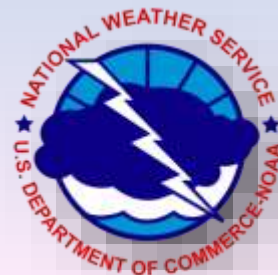
# FEMA Region 6 Threat Matrix

Oct 14, 2017 - Oct 18, 2017

	SAT	SUN	MON	TUE	WED
Severe Weather	OK, TX Panhandle				
Heavy Rain / Flash Flooding	NE & Central OK, NW TX				
Fire Weather					
River Flooding	S TX	S TX	S TX	S TX	S TX
Tropical Weather					

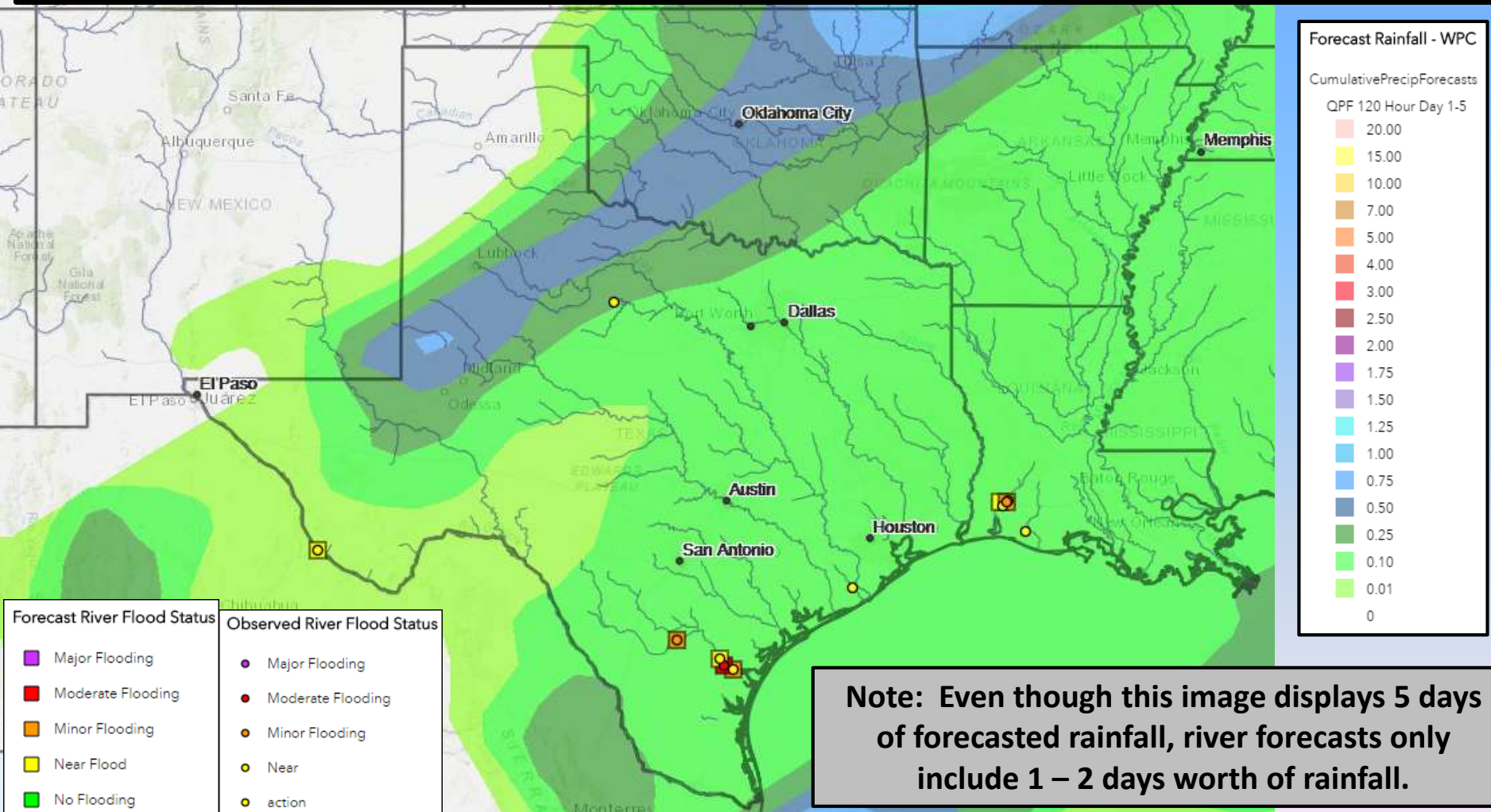
	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

*For more details on the colors in the threat matrix refer to the last slide in this briefing.*



# 5-Day Precipitation Forecast & River Flood Status

The Nueces River is moving water downstream; Bluntzer is cresting in Moderate flood today and will remain in moderate flood for the next several days, Calallen will continue rising and is expected to be in Minor Flood by Sunday. Numerous secondary roads and low bridges are under water at these levels.



For the latest on river flooding: <http://water.weather.gov/ahps>

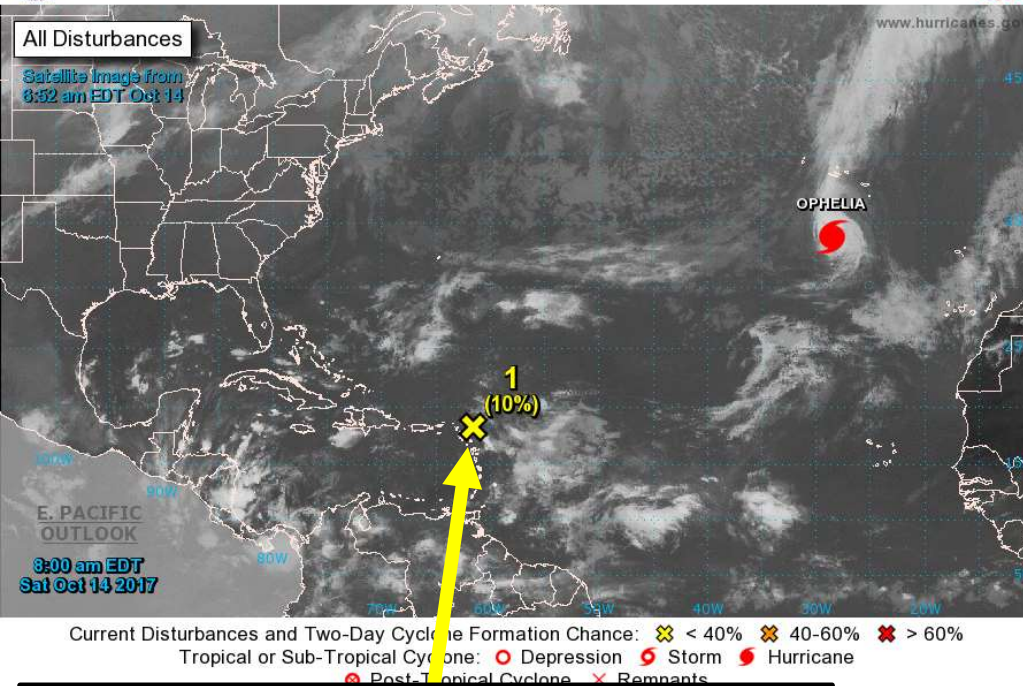


# Tropical Weather Outlook

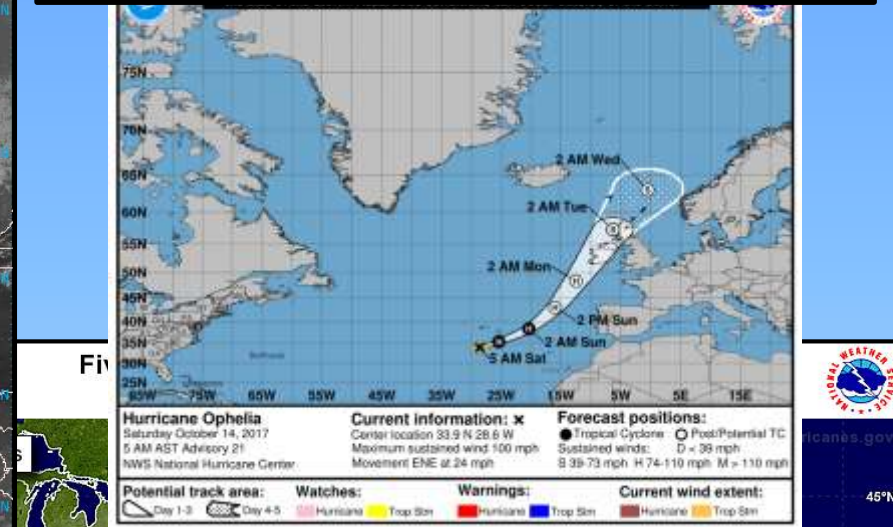


## Two-Day Graphical Tropical Weather Outlook

National Hurricane Center Miami, Florida



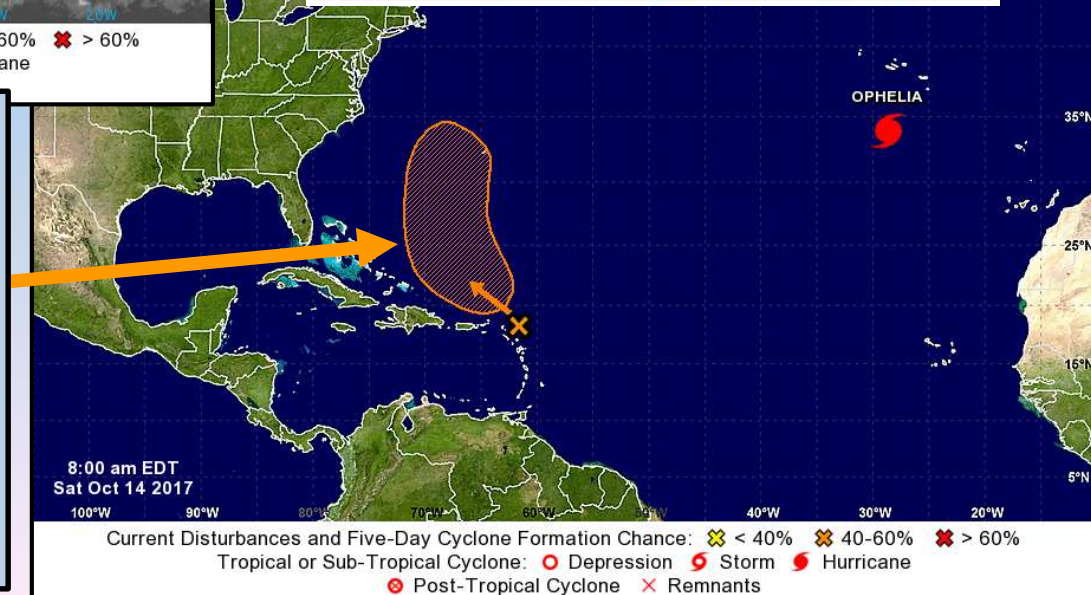
Hurricane Ophelia is moving NE and will have no impacts to Region 6.



A broad area of low pressure is gradually approaching the Leeward Islands. Upper level winds are expected to be unfavorable for development during the next couple of days, but the environment could turn favorable for some development early next week when the system begins to move northward and then recurves over the west-central Atlantic Ocean.

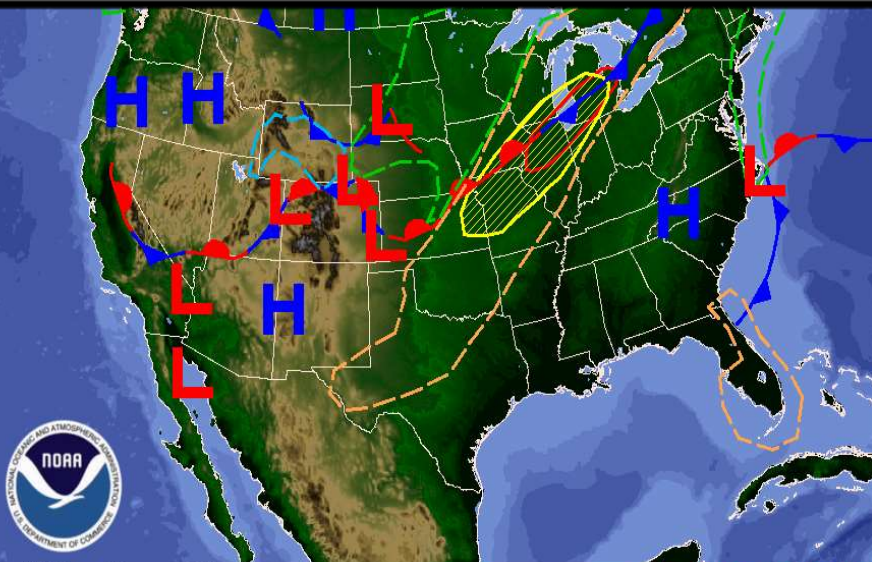
Formation chance through 48 hours...low...10%

Formation chance through 5 days...medium...40%





# Today's Weather



Strong storms with damaging winds and hail are possible this afternoon and evening over OK into the TX Panhandle & NW TX.

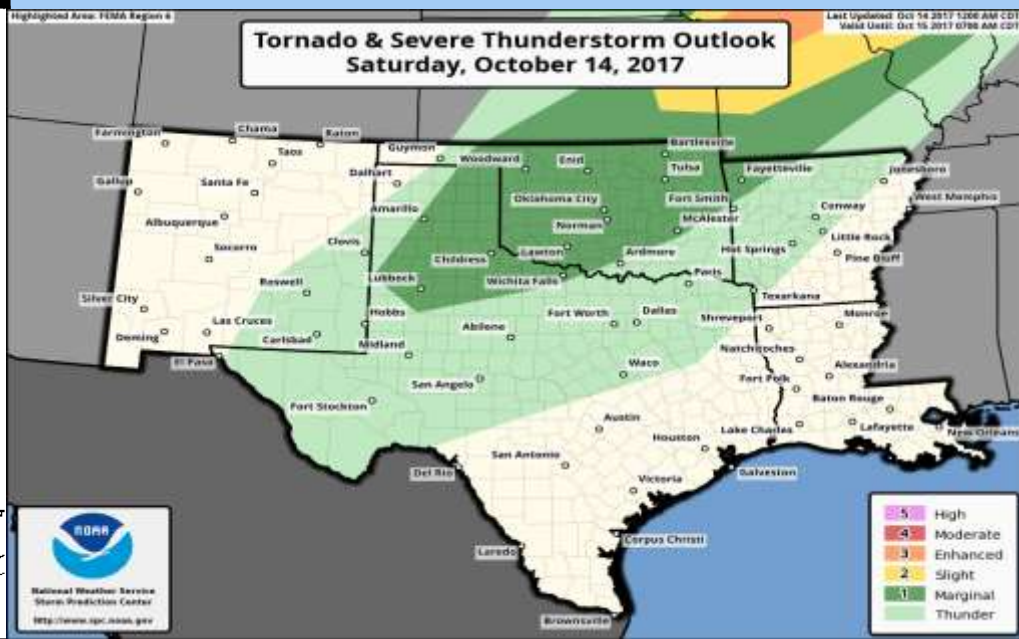
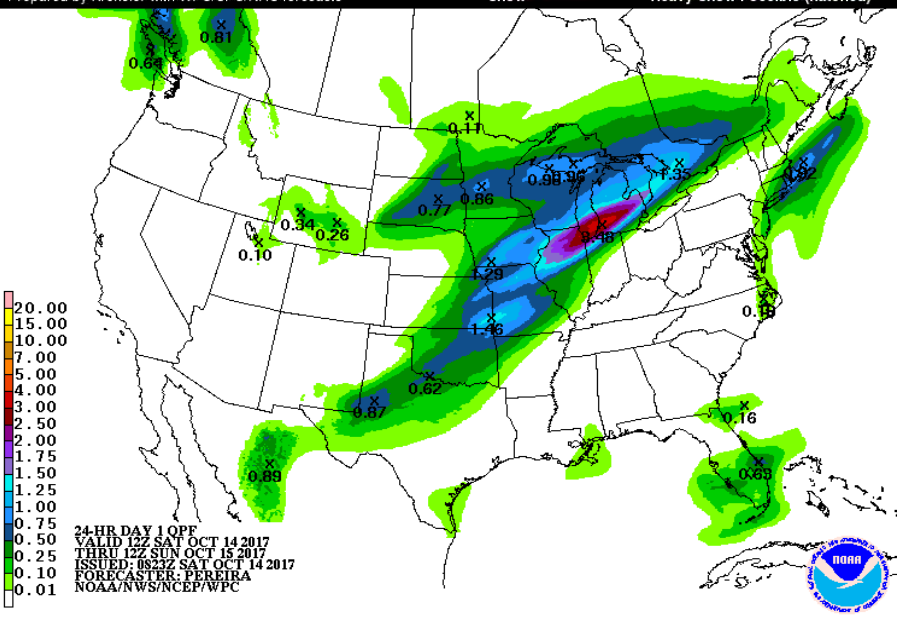
Some isolated heavy rain is possible from NE & central OK into NW TX.

The Nueces River is moving water downstream and is in Moderate Flood at Bluntzer and is expected to continue rising at Calallen into Minor Flood.

## Day 1 National Forecast Chart

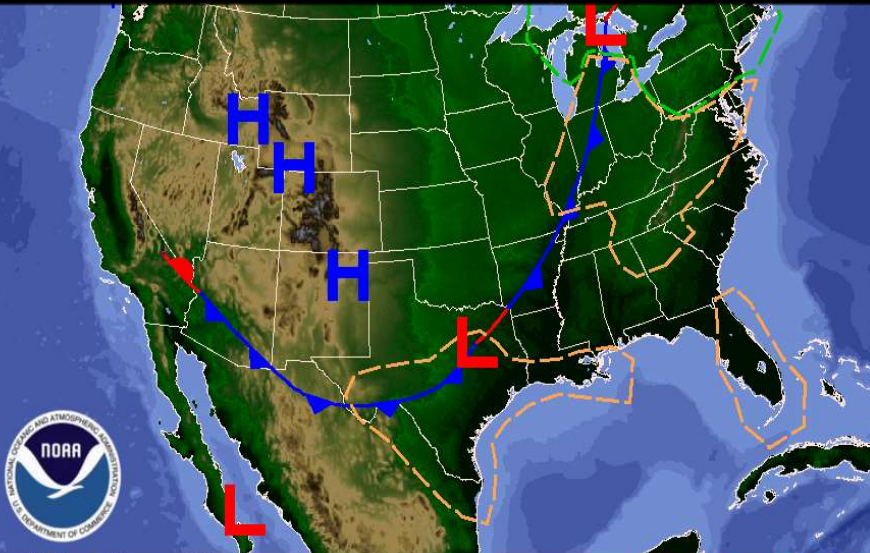
Valid Sat, Oct 14, 2017, issued 4:49 AM EDT  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by Krekeler with WPC/SPC/NHC forecasts

Rain  
Rain and T'Storms  
Rain and Snow  
Snow  
Flash Flooding Possible (hatched)  
Severe T'Storms Possible (hatched)  
Freezing Rain Possible (hatched)  
Heavy Snow Possible (hatched)



# Tomorrow's Weather

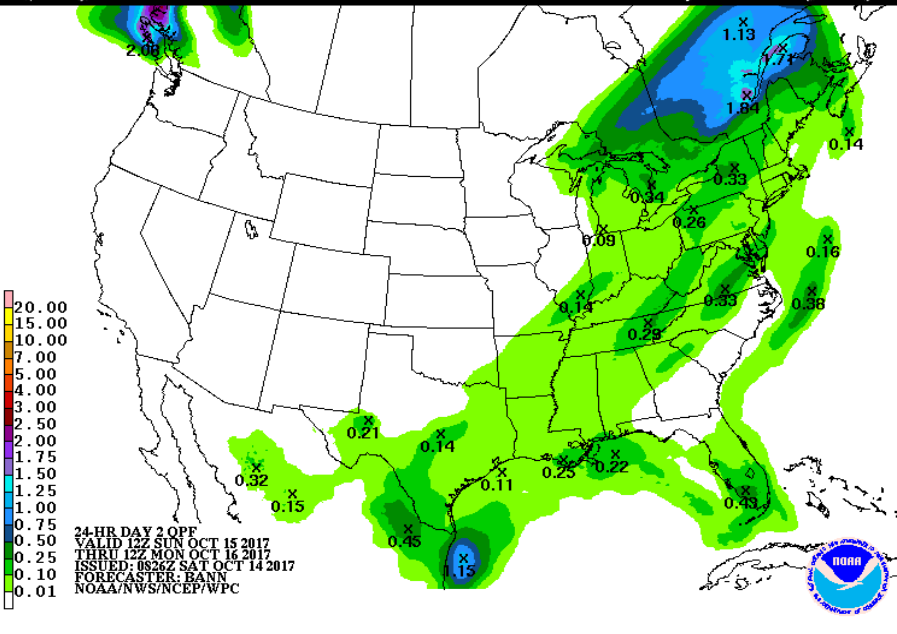
The Nueces River will continue moving water downstream and will be in Moderate Flood at Bluntzer and is expected to continue rising at Calallen into Minor Flood.



## Day 2 National Forecast Chart

Valid Sun, Oct 15, 2017, issued 4:53 AM EDT Sat, Oct 14, 2017  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by Krekeler with WPC/SPC/NHC forecasts

Rain  
Rain and T'Storms  
Rain and Snow  
Snow  
Flash Flooding Possible (hatched)  
Severe T'Storms Possible (hatched)  
Freezing Rain Possible (hatched)  
Heavy Snow Possible (hatched)



24-HR DAY 2 O/PF  
VALID 12Z SUN OCT 15 2017  
THRU 12Z MON OCT 16 2017  
ISSUED: 0826Z SAT OCT 14 2017  
FORECASTER: BANN  
NOAA/NWS/NCEP/WPC



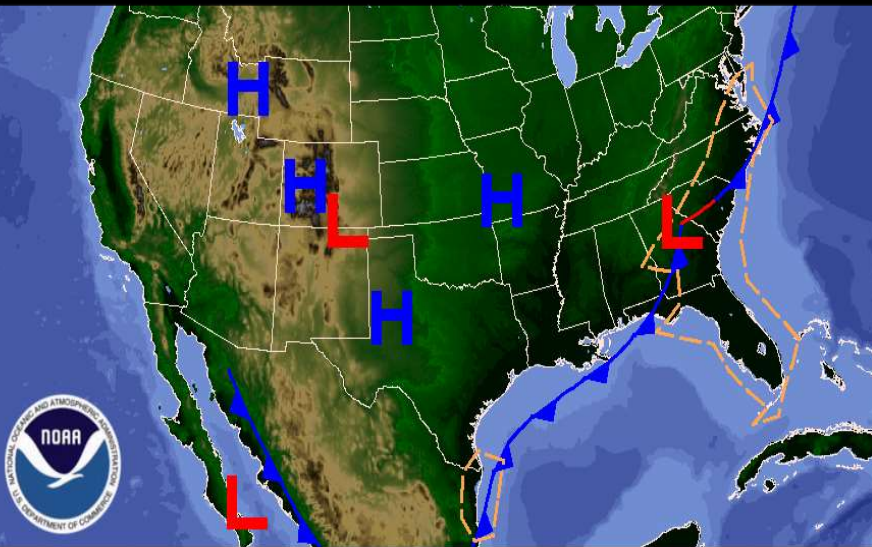
## Tornado & Severe Thunderstorm Outlook Sunday, October 15, 2017

Last Updated: Oct 13 2017 11:54 PM CDT  
Valid Until: Oct 16 2017 07:00 AM CDT





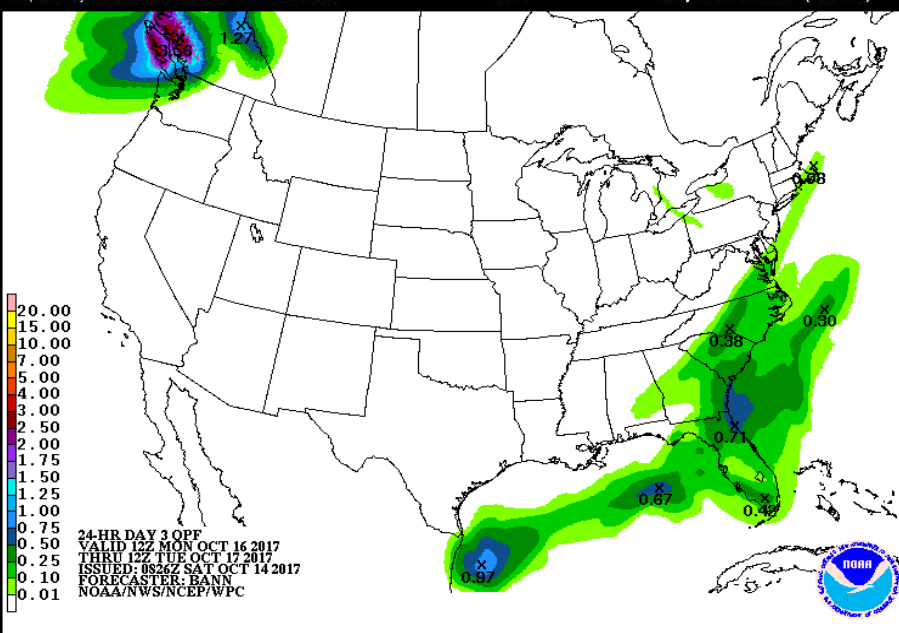
# Monday's Weather



Day 3 National Forecast Chart

Valid Mon, Oct 16, 2017, issued 4:57 AM EDT Sat, Oct 14, 2017  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by Krekeler with WPC/SPC/NHC forecasts

Rain  
Rain and T'Storms  
Rain and Snow  
Snow  
Flash Flooding Possible (hatched)  
Severe T'Storms Possible (hatched)  
Freezing Rain Possible (hatched)  
Heavy Snow Possible (hatched)



24-HR DAY 3 OVF  
VALID 12Z MON OCT 16 2017  
THRU 12Z TUE OCT 17 2017  
ISSUED: 0856Z SAT OCT 14 2017  
FORECASTER: BANN  
NOAA/NWS/NCEP/WPC

The Nueces River will continue moving water downstream and will be in Moderate Flood at Bluntzer and will continue in Minor Flood at Calallen.



Tornado & Severe Thunderstorm Outlook  
Monday, October 16, 2017

Last Updated: Oct 15 2017 11:46 PM CDT  
Valid Until: Oct 17 2017 07:00 AM CDT











# Day 4-5 Weather Hazards

*Valid: 0800 Tue - 0800 Thu*



**No Significant Weather Impacts.**

**Minor to Moderate Flooding will continue on the Nueces River.**

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

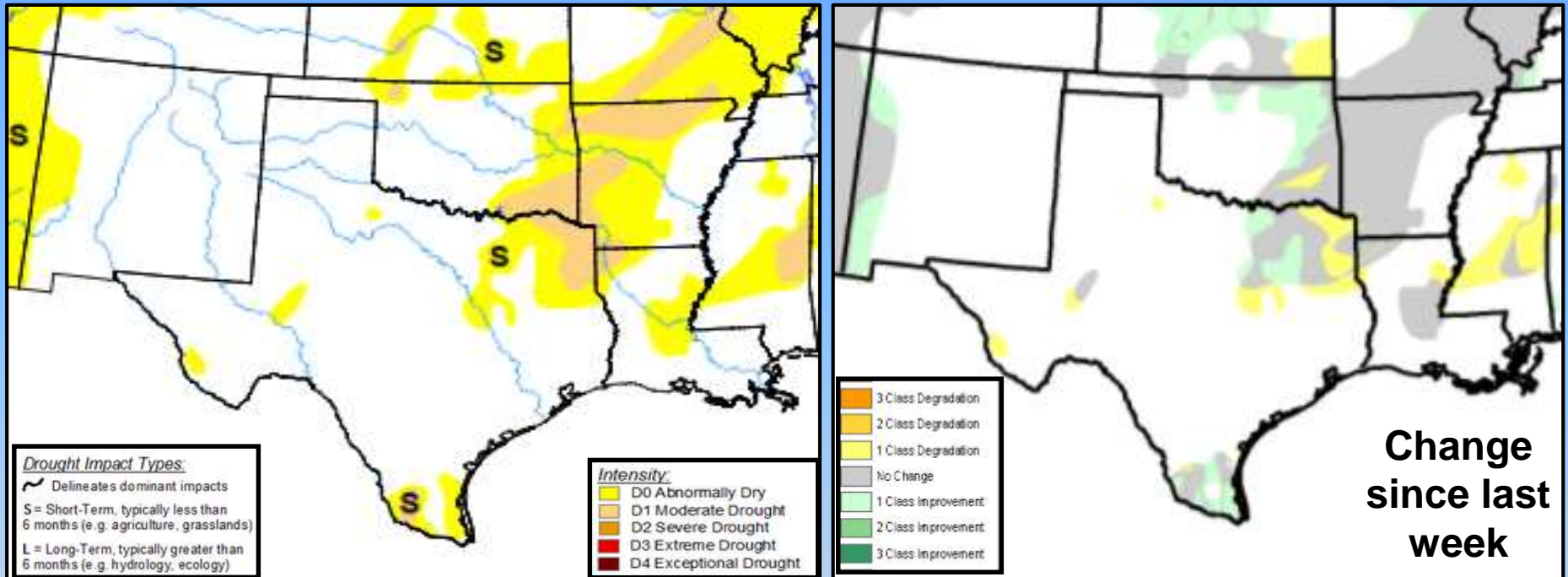
*\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.*





# Drought Monitor Released 12 October, 2017

Data valid as of 7am CDT, Tuesday, October 10, 2017



## Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	0.00%	0.00%	0.00%	0.00%
Arkansas	0.00%	0.00%	0.00%	0.00%
Texas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%
New Mexico	0.00%	0.00%	0.00%	0.00%

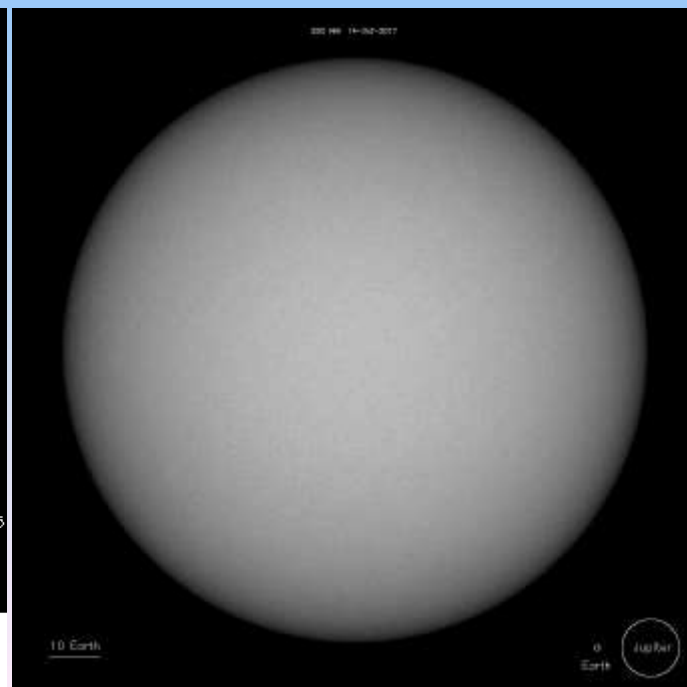
# Space Weather 3-Day Forecast



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)

	Saturday	Sunday	Monday
Geomagnetic Storms	Minor (G1) Storm (Max Kp = 5)	Unsettled to Active (Max Kp = 4)	Quiet to Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%





Information provided by:



**National Weather Service**  
**Southern Region Headquarters**  
**Regional Operations Center**  
**Fort Worth, TX**

Phone: (682) 703-3747 **\*New Direct Number**  
E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)  
Web: <http://www.weather.gov/srh> (**NEW link!!**)

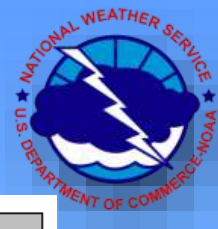
**facebook**

<https://www.facebook.com/NWSSouthern>

**twitter**

@NWS\_Southern\_US [https://twitter.com/NWS\\_Southern\\_US](https://twitter.com/NWS_Southern_US)

The criteria for the color codes in our briefings is below, please provide any feedback to [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov).



Weather "Threat" Matrix			
Color	Definition	Criteria	Example(s)
Green	<b>Very Common</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>
Yellow	<b>Somewhat Common – Happens Frequently</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail</li> </ul>
Orange	<b>Uncommon – A Few Times a Year</b> Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul>
Red	<b>Rare – Once every 1-5 Years</b> Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>
Purple	<b>Very Rare – Once Every 5-10 Years</b> Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>